

METHOD AND APPARATUS FOR DETERMINING LIQUID ABSORPTION
OF AGGREGATE

Abstract of the Disclosure

A method of determining liquid absorption of an aggregate
5 comprises providing a shaker apparatus, a vacuum source and a container;
placing a sample of the aggregate in the container; adding liquid to the
container sufficient to reach a calibration mark on the container; weighing the
sample and liquid; mounting the container to the shaker apparatus;
connecting the vacuum source to the container; agitating the sample and
10 liquid with the shaker apparatus; applying a vacuum to the sample and liquid
with the vacuum source; after the agitation and vacuum steps, adding liquid to
the container sufficient to again reach the calibration mark on the container;
again weighing the sample and liquid; and subtracting the initial weight of the
sample and liquid from the final weight of the sample and liquid in order to
15 determine the liquid absorption of the aggregate.